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Clinical Applications of Recent Advances in Zinc Metabolism. Alan R. Liss, Inc., 260
Diarrhea and Malnutrition: Interactions, Mechanisms and Interventions. L. C. Chen and N. S. Scrimshaw, Editors. Plenum Publishing Corporation, 324
Handbook of Nutrition, Health and Aging by Donald M. Watkin. Noyes Publications, 259
Measuring Change in Nutritional Status. World Health Organization, 259
Nutrition and Child Health: Perspectives for the 1980's. Alan R. Liss, Inc., 260
Nutrition and Health. Michael R. Turner, Editor. Alan R. Liss, Inc., 324
Nutrition: The Challenge of Being Well Nourished, Second Edition. Reston Publishing Company, 260
Obesity. M.R.C. Greenwood, Editor. Churchill Livingston, Inc., 259
Pediatric Nutrition: Infant Feedings-Deficiencies-Diseases. Vol 2. Fima Lifshitz, Editor. Marcel Dekker, Inc., 100
Principles and Methods of Toxicology. The Raven Press, 100
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